

RP 1720 R/H

ROOM TEMPERATURE LAMINATING SYSTEM

REN[®] RP 1720 resin and hardener is a white, room-temperature curing, two-component epoxy laminating system offering excellent cloth wet-out and low shrinkage with good dimensional stability.

MIX RATIO

Resin to Hardener	By Weight:	By Volume:
	100 to 15	100 to 21

TYPICAL HANDLING PROPERTIES*

	<u>ASTM Method</u>	<u>Resin</u>	<u>Hardener</u>	<u>Mixed</u>
Color	Visual	White	Amber	White
Specific Gravity	D-1963	1.38–1.43	0.91–1.01	
Viscosity, cP	D-2393	6,250	63	2,200
Gel Time, 4 fl. oz, minutes	D-2471			24

NOTE: These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Product Management Department.

RECOMMENDED CURE SCHEDULE

1. 77°F (25°C) at 7 days

TYPICAL CURED PROPERTIES*

	<u>ASTM Method</u>	<u>Cure Value</u>
Density, lb./ft ³ (g/cm ³)	D-792	84 (1.34)
Cubic Inch per Pound	D-792	20.7
Hardness, Shore D	D-2240	86
Ultimate Flexural Strength, psi	D-790	32,000
Flexural Modulus, psi	D-790	1,600,000
Ultimate Tensile Strength, psi	D-638	20,000
Tg by DMA, E", °F(°C)	D-4065	164 (73)
Ultimate Compressive Strength, psi	D-695	21,000
Coefficient of Thermal Expansion	D-3386	
	-22 to 86°F, in/in/°F	14.8 x 10 ⁻⁶
	-30 to 30°C, in/in/°C	26.6 x 10 ⁻⁶

* Layup: Contact, 8 layer Volan A 7500 glass cloth, 90° Rotation.

Tested @ 77°F (25°C) unless otherwise noted.

SAFETY: Do not use or handle this product until the Material Safety Data Sheet has been read and understood.

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